

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|-------|
| 1 | IS&R | L1 | 9254 | (422/50,55,58,63,68.1,81,82,100,101,102,103,104).CCLS. | USPAT |
| 2 | BRS | L2 | 299 | 1 and microfluidic | USPAT |
| 3 | BRS | L3 | 94 | 2 and (pillar or post) | USPAT |
| 4 | BRS | L4 | 94 | 3 and (channel or conduit or well or via or port or aperture) | USPAT |
| 5 | BRS | L5 | 2 | 4 and transfer adj separation adj channel | USPAT |
| 6 | BRS | L6 | 2 | 4 and discharge adj aperture | USPAT |
| 7 | BRS | L7 | 16 | 4 and seal near6 (substrate or layer) | USPAT |
| 8 | BRS | L8 | 38 | 4 and seal\$ near6 (substrate or layer) | USPAT |
| 9 | BRS | L9 | 70 | 2 and channel adj network | USPAT |
| 10 | BRS | L10 | 14 | 1 and dispenser near6 \$chip | USPAT |
| 11 | BRS | L11 | 1267 | 1 and (nozzle or pipette adj tip) | USPAT |
| 12 | BRS | L12 | 62 | 2 and (nozzle or pipette adj tip) | USPAT |
| 13 | BRS | L13 | 56 | 2 and mass adj (spectrometer or spectrometry) | USPAT |
| 14 | BRS | L14 | 250 | 2 and (protein or dna or rna) | USPAT |
| 15 | BRS | L15 | 91 | 3 and (protein or dna or rna) | USPAT |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|-------|
| 1 | IS&R | L1 | 3194 | (436/43,52,53,94,177,180).C CLS. | USPAT |
| 2 | BRS | L2 | 133 | 1 and microfluidic | USPAT |
| 3 | BRS | L3 | 133 | 2 and (channel or conduit or well or via or port) | USPAT |
| 4 | BRS | L4 | 130 | 3 and (aperture or portor well) | USPAT |
| 5 | BRS | L5 | 2 | 4 and discharge adj aperture | USPAT |
| 6 | BRS | L6 | 2 | 2 and transfer adj separation adj channel | USPAT |
| 7 | BRS | L7 | 32 | 2 and separation adj channel | USPAT |
| 8 | BRS | L8 | 30 | 2 and (nozzle or pipette adj tip) | USPAT |
| 9 | BRS | L9 | 26 | 2 and mass adj (spectrometer or spectrometry) | USPAT |
| 10 | BRS | L10 | 116 | 2 and (protein or dna or rna) | USPAT |
| 11 | BRS | L11 | 25 | 9 and (protein or dna or rna) | USPAT |
| 12 | BRS | L12 | 41 | 2 and (pillar or post) | USPAT |
| 13 | BRS | L13 | 3 | 2 and pillar | USPAT |

| | Type | L # | Hits | Search Text | DBs |
|---|------|-----|------|-----------------------------------|-------|
| 1 | IS&R | L1 | 539 | (73/1.01,1.02,53.01).CCLS. | USPAT |
| 2 | BRS | L2 | 5 | 1 and microfluidic | USPAT |
| 3 | BRS | L3 | 2 | 2 and (pillar or post) | USPAT |
| 4 | BRS | L4 | 0 | 1 and microchannel adj network | USPAT |
| 5 | BRS | L5 | 2 | 1 and channel adj network | USPAT |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|-------|
| 1 | IS&R | L1 | 3257 | (435/283.1,287.1,287.2,287.3,287.8,287.9,288.4,288.5,288.7).CCLS. | USPAT |
| 2 | BRS | L2 | 194 | 1 and microfluidic | USPAT |
| 3 | BRS | L3 | 88 | 2 and (pillar or post) | USPAT |
| 4 | BRS | L4 | 514 | 1 and (pillar or post) | USPAT |
| 5 | BRS | L5 | 194 | 2 and (channel or conduit or well or via or port or aperture) | USPAT |
| 6 | BRS | L6 | 88 | 3 and (channel or conduit or well or via or port or aperture) | USPAT |
| 7 | BRS | L7 | 37 | 2 and mass adj (spectrometer or spectrometry) | USPAT |
| 8 | BRS | L8 | 190 | 1 and mass adj (spectrometer or spectrometry) | USPAT |
| 9 | BRS | L9 | 191 | 2 and (protein or dna or rna) | USPAT |
| 10 | BRS | L10 | 170 | 8 and (protein or dna or rna) | USPAT |
| 11 | BRS | L11 | 44 | 2 and (nozzle or pipette adj tip) | USPAT |
| 12 | BRS | L12 | 28 | 3 and (nozzle or pipette adj tip) | USPAT |

| | Type | L # | Hits | Search Text | DBs |
|---|------|-----|-------|-------------------|---|
| 1 | BRS | L1 | 22 | jedrzejewski.inv. | USPAT; EPO; DERWEN T; IBM_TD B |
| 2 | BRS | L2 | 330 | nock.inv. | USPAT; EPO; DERWEN T; IBM_TD B |
| 3 | BRS | L3 | 4 | 1 andnock.inv. | USPAT; EPO; DERWEN T; IBM_TD B |
| 4 | BRS | L4 | 19304 | wagner.inv. | USPAT; EPO; DERWEN T; IBM_TD B |
| 5 | BRS | L5 | 4 | 1 and wagner.inv. | USPAT; EPO; DERWEN T; IBM_TD B |
| 6 | BRS | L6 | 15 | indermuhle.inv. | USPAT; EPO; DERWEN T; IBM_TD B |

| | Type | L # | Hits | Search Text | DBs |
|---|------|-----|------|------------------|---|
| 7 | BRS | L7 | 228 | zaugg.inv. | USPAT; EPO; DERWEN T; IBM_TD B |
| 8 | BRS | L8 | 4 | 1 and zaugg.inv. | USPAT; EPO; DERWEN T; IBM_TD B |
| 9 | BRS | L9 | 5 | 6 and zaugg.inv. | USPAT; EPO; DERWEN T; IBM_TD B |